

THE OFFICE ACTION

Applicants have now had an opportunity to carefully consider the Examiner's comments set forth in the Office Action of May 17, 2004.

Claims 1-6, 13, 14 and 16 stand rejected under 35 U.S.C. §102(e) as being anticipated by Kusunuki et al (US 6,266,057).

Claims 8-10, 12, 15 and 17 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Kusunuki et al (US 6,266,057) in view of Wilson et al (US 6,278,479).

Claims 7 and 11 were objected to as being dependent on a rejected claim, but would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims.

In accordance with the suggestions of the Examiner, selected claims have been amended and/or cancelled and new claims have been added.

The applicant believes that this application is now in condition for allowance and early notice thereof is respectfully requested.

REMARKS

With respect to **claim 7**, the applicant has amended the claim in accordance with the suggestions of the Examiner and added new **claims 18-21** to better distinguish the subject invention from the teachings of the references of record and provide a more complete scope of protection for the invention. It is therefore respectfully submitted that claim 7 and claims 18-21 dependent therefrom distinguish patentably and unobviously over the references of record.

With respect to **claim 11**, the applicant has amended the claim in accordance with the suggestions of the Examiner. It is therefore respectfully submitted that claim 11 and claims 9, 10, 12 and 17 dependent therefrom distinguish patentably and unobviously over the references of record.

With respect to amended **claims 1 and 13**, the applicant has amended such claims to further include the limitation of calculating the three-dimensional position in real space of the movable real object. It is therefore respectfully submitted that claims 1 and 13 and the claims dependent therefrom distinguish patentably and unobviously over the references of record.

The applicant respectfully submits that the present Amendment merely adopts the Examiner's suggestions, removes issue for appeal, or in some other way, requires only a cursory review by the Examiner. The claims as amended and the new claims do

not raise any issues with regard to new matter, do not present new issues requiring further search or consideration and/or place the application into better for appeal. Accordingly, the amendment should be entered and the application forwarded for issuance.

CONCLUSION

All formal and informal matter having been addressed, it is submitted all claims remaining in the application (Claims 1-7, 9-14, and 16-21) are now in condition for allowance.

No additional fee is believed to be required for this Amendment After Final. However, the undersigned attorney of record hereby authorizes the charging of any necessary fees, other than the issue fee, to Xerox Deposit Account No. 24-0037.

In the event the Examiner believes a telephone call would clear up any minor matter, he is invited to call the undersigned.

Respectfully submitted,

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2/9/04
Date

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